

System Level Integrated Concepts (SLIC)

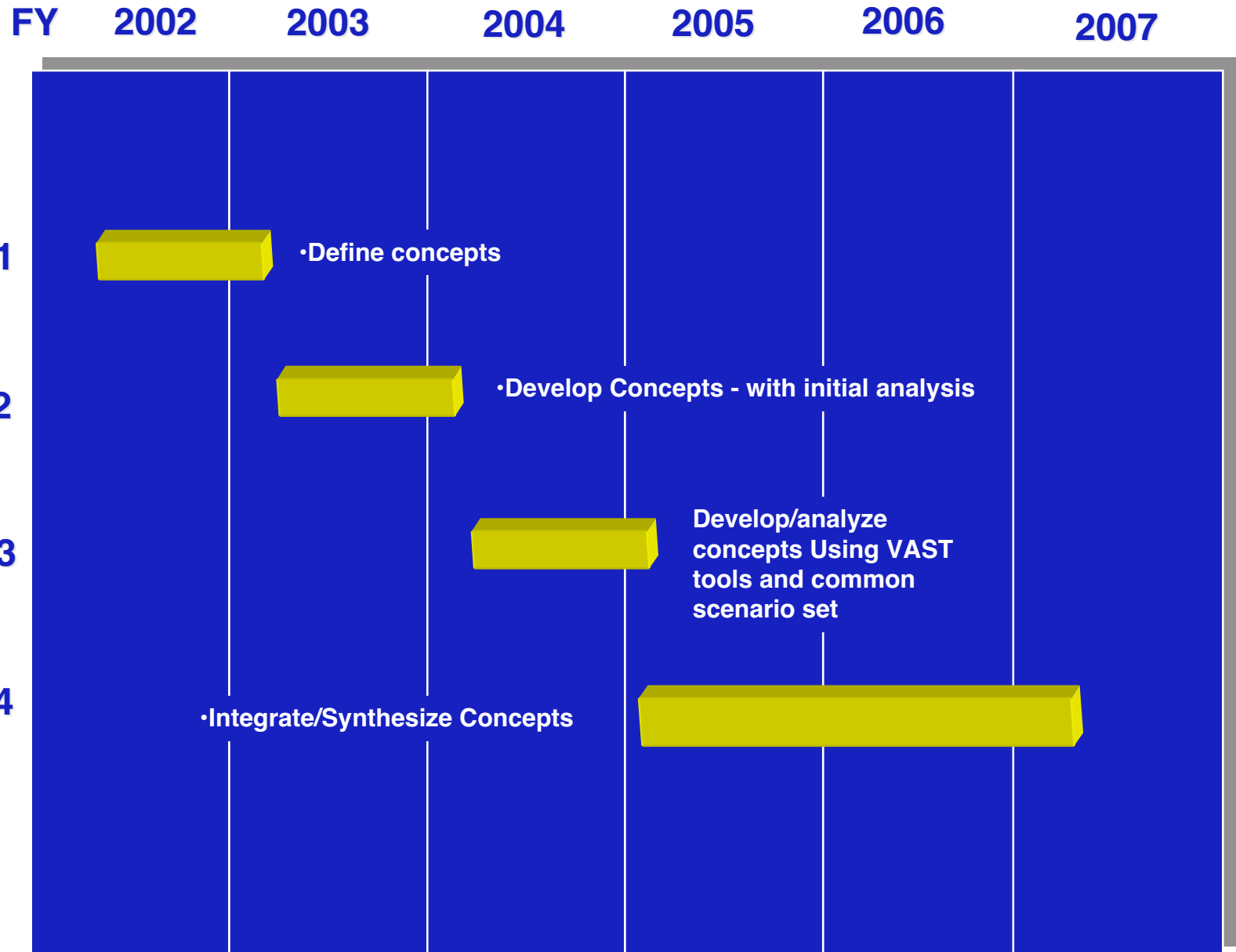
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Presentation of SLIC Phase 2 Self-Evaluation Results

Technical Interchange Meeting#4
February 10 and 11, 2004

Concept Development Schedule

Virtual Airspace Modeling & Simulation - TIM 4, Feb. 10-11, 2004



VAMS SLIC Operational Concepts

System-level

Boeing - ATM Concept
Metron - Weather
Seagull - Massive PTP
University Concept
NASA ARC - System-wide
Optimization
Titan SRC - RTCA Simulation



En route

climb

NASA ARC - Advanced Airspace

descent

Terminal

takeoff

NASA LaRC - Wake Avoidance
Raytheon - Terminal Area Concept

landing

taxi

taxi Surface

gate

gate

Metron - Surface Traffic Automation
Optimal Synthesis - Surface Operation Automation

Phase 2 Self Evaluation

Presentation Content

- Core ideas
- Anticipated benefits
- Metrics
- Approach taken to substantiate the claimed/expected benefits and feasibility
- Results and lessons learned
- How the results further the concept description
- Challenges